



# *Green Buildings in Michigan*

There are several ways to define 'green' buildings.

## **I. LEED Buildings**

updated 09/08/08

Commercial, Govt, Industrial, Institutional

**383 Total**

LEED buildings are independently verified as green under the US Green Building Council's (USGBC) Leadership in Energy and Environmental Design (LEED) program. These buildings are initially registered to begin the process and ultimately certified at one of four levels as LEED certified. The enclosed project list is taken from the US Green Building Council's website at [www.usgbc.org](http://www.usgbc.org) 'LEED', 'Project Certification', and then 'Project Directory'. (272 projects are registered, 79 of these were certified as of September 2008)

Note: Confidential Projects

Projects can register with the USGBC and remain confidential. These projects are not included on the lists of registered or certified projects. Adding the number of confidential projects to the number of listed projects shows a more complete extent of the state's green building effort. This is the total listed above. As of September 2008, there were 111 confidential projects in Michigan.

LEED Homes

**84 Units**

Discussed under 'Green Homes' below.

## **II. Energy Star Buildings**

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Energy Star is a federal program for manufacturing energy efficient appliances commercial buildings and new homes. The focus of this program is primarily a buildings energy efficiency. There are **193 Energy Star certified buildings** that included: offices, schools and grocery stores. To see the list go to: [www.energystar.gov/index.cfm?c=business.bus\\_index](http://www.energystar.gov/index.cfm?c=business.bus_index) (Click "Find Labeled buildings") There are **2,627 Energy Star homes** in Michigan. The number is listed on the builders listing at: [www.energystar.gov/index.cfm?fuseaction=new\\_homes\\_partners.showHomesSearch](http://www.energystar.gov/index.cfm?fuseaction=new_homes_partners.showHomesSearch)

### III. Green Homes

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To view a list of 'green' homes, see the referenced web sites.

#### Energy Star Homes

**2,627 Total**

Energy Star Homes is a federal program for building energy efficient new homes. This program only certifies a homes energy efficiency. (Green building programs also address health and the environment.) The total above is the number of Energy Star homes in Michigan.

[www.energystar.gov/index.cfm?fuseaction=new\\_homes\\_partners.showHomesSearch](http://www.energystar.gov/index.cfm?fuseaction=new_homes_partners.showHomesSearch)

[www.michigan.gov/dleg/0,1607,7-154-25676\\_25692-109523--,00.html](http://www.michigan.gov/dleg/0,1607,7-154-25676_25692-109523--,00.html)

#### Green Built

**Unknown Total**

Green Built Michigan is a member organization of the Michigan Association of Home Builders.

[www.greenbuiltmichigan.org](http://www.greenbuiltmichigan.org) Like the LEED program, this certification program considers energy efficiency, comfort, and health issues. It is expected this program will adopt the new standards recently announced by the National Association of Home Builders when finalized.

[www.nahbrc.org/technical/standards/greenbuilding.aspx](http://www.nahbrc.org/technical/standards/greenbuilding.aspx) The Green Built Michigan web site does not provide the number of homes certified by their program.

#### LEED Homes

**84 Total**

LEED home construction didn't begin in Michigan until 2006. The number of LEED certified residential units in Michigan (including 2 platinum LEED homes) continue to increase. These are mostly in west Michigan and are listed on the USGBC residential Home ratings web page. You can view many of these projects at the Alliance for Environmental Sustainability website at:

[www.alliancees.org](http://www.alliancees.org) (The Alliance is the LEED provider for Home certifications in Michigan)

[www.usgbc.org/DisplayPage.aspx?CMSPageID=147](http://www.usgbc.org/DisplayPage.aspx?CMSPageID=147) [www.greenhomeguide.org](http://www.greenhomeguide.org)

### IV. Other Green Buildings

updated 06/25/08

The buildings listed in this section did not seek 'green' certification but have energy efficient, environmental and/or healthy features noted. A list of green roofed buildings is provided separately at: [www.michigan.gov/documents/deq/deq-ess-p2-green-greenroofs\\_186786\\_7.doc](http://www.michigan.gov/documents/deq/deq-ess-p2-green-greenroofs_186786_7.doc).